

Health & Safety Product Data Sheet – Roofing tiles and fittings

Identification of product(s) and company information

Products: Concrete roofing tiles and fittings

Company : Condrón Concrete Ltd
Arden Road
Tullamore
Co Offaly

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Composition/ingredients

Condrón Concrete roof tiles are manufactured in accordance with IS EN 490: 2011+A1: 2017 using a high-pressure extrusion and compaction process using a mixture of sand, cement, colour pigment and clean water. Once formed, products are sprayed on their visible (when installed) surfaces with an acrylic coating. Single coloured products have a coloured coating applied and blended coloured tiles have a clear coating applied.

Hazard Identification

Concrete products are chemically inert and will not leach chemicals when wet and do not pose any direct hazards. Cutting of concrete products produces dust containing crystalline silica. Classification for toxicology is not required.

Transportation

Products are supplied shrink-wrapped on timber pallets which should be safely secured during transportation. Pallets should be loaded and unloaded using suitable mechanical lifting and handling equipment, taking all reasonable care to avoid damage and injury.

Storage

Products should be stored in their original packaging, as close to the work area as possible to avoid excessive handling, on a firm, flat surface. When storing in a stockist's yard, do not stack more than three tile pallets high. On site, do not stack more than two tile pallets high. Do not stack pallets containing fittings. Storage areas should be free from soiling and away from the risk of damage from passing traffic.

Handling

Concrete products may have rough and uneven surfaces and edges, therefore protective gloves in compliance with EN 420 should be worn when handling products. Suitable safety footwear to EN ISO 20345 or EN ISO 20346 must be worn when handling and installing products to avoid injury to feet.

Lifting

Correct manual lifting methods should be adopted, and only small quantities lifted to avoid injury. Appropriate mechanical lifting and handling devices should be used on site to transport products to the construction area and onto the roof prior to installation. Products must not be carried up ladders.

Cutting

An approved P3/FFP3 particulate respirator must be used during all cutting and drilling processes. Eye protection must be worn when using tools. Control measures, such as wet cutting or dust extraction, should be applied.

Installation

All roofing works should be carried out by persons competent in roof tiling and working at height. Work progress should be planned to avoid foot-traffic over laid tiling wherever possible. Where access over laid tiling is unavoidable, crawling boards and/or roof ladders, with suitable packing over laid tiles must be used, all in accordance with HSE guidance document HSG33; Health & Safety in Roof Work and BS 8000-6: British Standard for workmanship on building site.

First Aid Measures

There are no specific requirements other than general advice, as follows:

Minor cuts and skin abrasions: wash with clean water and apply a sterile dressing.

Dust in eyes or mouth: irrigate liberally with clean water.

If in doubt, and for more serious injuries, always refer to a suitably qualified medical practitioner.

Fire Fighting Measures

Concrete products are not combustible.

Waste Disposal

Timber pallets can be returned to Condron Concrete for re-use. Dispose of waste packaging materials in accordance with local and national regulations. Concrete waste can be used as infill.

This information sheet is based on Standards and good practice current at the time of writing. Condron Concrete reserves the right to change products and specifications without notice. Please contact us for our latest information.

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